

PTO/SB/08a (07-05)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	10/015,868
Filing Date	December 12, 2001
First Named Inventor	Michael Hooven
Art Unit	3739
Examiner Name	Victoria W. Chen
Attorney Docket Number	0320-0017 (HOOV 117)

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US 4,784, 133	11-15-1988	Mackin	
		US 4,991,578	02-12-1991	Cohen	
		US 5,122,137	06-16-1992	Lennox	
		US 5,137,510	08-11-1992	VanDeripe	
		US 5,254,116	10-19-1993	Baust et al.	
		US 5,456,684	10-10-1995	Schmidt et al.	
		US 5,484,436	01-16-1996	Eggers et al.	
		US 5,891,142	04-06-1999	Eggers et al.	
		US 5,931,810	08-03-1999	Grabek	
		US 5,968,010	10-19-1999	Waxman et al.	
		US 5,972,013	10-26-1999	Schmidt	
		US 6,081,749	06-27-2000	Ingle et al.	
		US 6,086,586	07-11-2000	Hooven	
		US 6,156,009	12-05-2000	Grabek	
		US 6,200,303 B1	03-13-2001	Verrior et al.	
		US 6,206,004 B1	03-27-2001	Schmidt et al.	
		US 6,231,518 B1	05-15-2001	Grabek et al.	
		US 6,241,726 B1	06-05-2001	Raymond Chia et al.	
		US 6,333,347 B1	12-25-2001	Hunter et al.	
		US 6,443,952 B1	09-03-2002	Mulier et al.	
		US 6,463,332 B1	10-08-2002	Aldrich	
		US 6,582,536 B2	06-24-2003	Shimada	
		US 6,592,552 B1	07-15-2003	Schmidt	
		US 6,666,844 B1	12-23-2003	Igo et al.	
		US 6,666,861 B1	12-23-2003	Grabek	
		US 6,699,240 B2	03-02-2004	Francischelli	

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Sheet

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Filing Date	December 12, 2001
First Named Inventor	Michael Hooven
Art Unit	3739
Examiner Name	Victoria W. Chen
Attorney Docket Number	0320-0017 (HOOV 117)

## U. S. PATENT DOCUMENTS

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Sheet 3 Of 4

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## FOREIGN PATENT DOCUMENTS

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05/21/2008

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